

PART 19 - Unbundled Network Elements and Number
Portability

SECTION 5 - Unbundled Tandem Switching

1st Revised Sheet No. 1

1. UNBUNDLED TANDEM SWITCHING

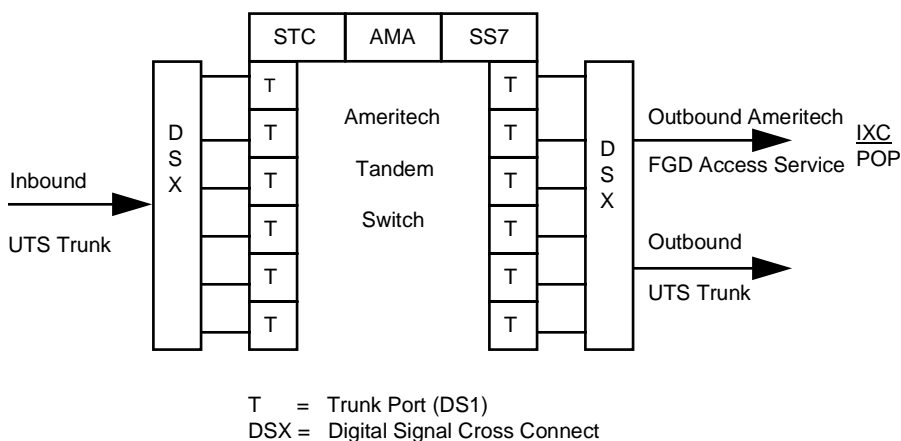
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A. DESCRIPTION

Functions

Unbundled Tandem Switching (UTS) performs the basic switching functions of creating a temporary transmission path that connects an inbound UTS trunk of the requesting telecommunications carrier to an outbound UTS trunk or a FGD trunk of Ameritech's Access Services.

The Company-provided trunk port provides access to custom service enabling features and functionalities provided by a tandem switch such as switching, translations, screening, blocking and route indexing based on the technical capability and service offering of the corresponding trunk feature type.



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1. UNBUNDLED TANDEM SWITCHING (cont'd)

(N)

A. DESCRIPTION

Functions (cont'd)

Custom Translations

Translations, screening, blocking, and route indexing are provided if technically feasible, and under the guidelines of switching translations and screening in use in that switch for that particular trunk type. Request for translations, screening, blocking, or route indexing other than what is in use in that switch will be provided where technically feasible pursuant to a BFR. Ameritech will provide these features if technically feasible and upon agreement by the requesting telecommunications carrier to pay the applicable recurring and nonrecurring charges that consists of developing, installing, providing and maintaining the capability. Variations in the tandem switching equipment or translations and screening used to provide services in specific locations may cause differences in the operation of the feature or function.

Unbundled Tandem Switching provides (through the BFR process) the ability to establish any technically feasible customized translation by developing, establishing and maintaining new translation codes which will direct custom routed calls by call type to an outbound trunk port specified by the telecommunications carrier.

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1. UNBUNDLED TANDEM SWITCHING (cont'd)

(N)

B. TERMS AND CONDITIONS

General

1. Telecommunications carriers may access trunk ports from the Company where facilities permit.
2. Signaling supported by the Ameritech tandem switch includes MF, SS7 and any signaling conversions between these signaling formats.
3. Unbundled Tandem Switching is only available to telecommunication carriers for use in the provision of a telecommunications service as specified and to the extent required by the Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56 (1996) ("the Act") and the rules and regulations of the Federal Communications Commission and the Illinois Commerce Commission.
4. General Regulations as found in Part 2 of this Tariff, and Section 1 of this Part apply to this Section unless otherwise specified in this Section. The term "customer," which appears in Part 2 of the General Regulations, is the equivalent of the term "telecommunication carrier" as used in this Section.
5. For any traffic terminating on a non-Ameritech network, the terminating third party carrier is responsible for billing the Unbundled Tandem Switch customer.
6. The telecommunication carrier will meet standard requirements for establishing trunks including the Bellcore Access Customer Name Abbreviation (ACNA), Carrier Identification Code (CIC) or specific, and Common Language Location Identifier (CLLI).
7. Operator Service traffic must be delivered by the telecommunications carrier to the UT port on a separate UTS-OS/DA trunk group for proper routing. The tandem will not pass coin control signaling and screen code information.
8. IXC, 950 access, and nonqueried 800 traffic must be delivered over the UTS-TCT trunks from the end office to the tandem for proper FGD signaling call completion.

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1. UNBUNDLED TANDEM SWITCHING (cont'd)

(N)

B. TERMS AND CONDITIONS (cont'd)

General (cont'd)

9. In LATAs where Ameritech has separate local and access tandems, the local tandem will only be used to route local/EAS traffic. An intraLATA or interLATA toll call must be processed through the access tandem.
10. For IXC traffic delivered over the UTS-TCT trunks, a meet point billing arrangement between Ameritech and the UTS telecommunications carrier must be established to jointly bill the IXC.

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1. UNBUNDLED TANDEM SWITCHING (cont'd)

(N)

B. TERMS AND CONDITIONS (cont'd)

Service Parameters

Access to trunk ports is provided in accordance with the specifications, interfaces, and parameters described in AM-TR-TMO-000124 Unbundling Switching Technical Specifications. The Company's sole obligation under this tariff is to provide Unbundled Tandem Switching in accordance with such specifications, interfaces, and parameters. The Company does not warrant that Unbundled Tandem Switching is compatible with any specific facilities or equipment or can be used for any particular purpose or service. Telecommunications carriers ordering Unbundled Tandem Switching are responsible for obtaining or providing facilities and equipment that are compatible with such Unbundled Tandem Switching.

Unbundled Tandem Switching will be maintained in accordance with the technical specifications. Ameritech will service, operate, and maintain Unbundled Tandem Switching for all telecommunications carriers at parity with Ameritech. All maintenance requests should be submitted to the Regional Ameritech Unbundling Center.

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1. UNBUNDLED TANDEM SWITCHING (cont'd)

(N)

B. TERMS AND CONDITIONS (cont'd)

Service Parameters (cont'd)

Ameritech administers its network to facilitate the provision of acceptable service levels to all telecommunications users of Ameritech's network services. Generally, service levels are considered acceptable only when both the telecommunications carrier's and Company's end-user customers are able to establish connections with little or no delay encountered within the Ameritech network. Ameritech maintains the right to apply protective controls, (i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, for any traffic carried over its network, including that traffic associated with a telecommunications carrier's Switched Access Service). Generally such protective measures would only be taken as a result of occurrences such as failure or overload of Ameritech or telecommunications carrier facilities, natural disasters, mass calling or national security demands. Ameritech will work cooperatively with the telecommunications carrier to determine the appropriate level of control. Ameritech maintains the right to invoke manual intervention of the automatic call gapping procedure to preserve the integrity of the network.

Congestion control and overflow criteria are set by the use of NTMOS Surveillance system. Ameritech sets automatic thresholds with preplan routing and overflow selection. The switch is also monitored via an elaborate surveillance system for early recognition of congestion and performance problems in the Ameritech Reliability Center. The carrier will be notified electronically of any outages via the OICC interface or manually from the Ameritech Unbundling Service Center.

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1. UNBUNDLED TANDEM SWITCHING (cont'd)

(N)

B. TERMS AND CONDITIONS (cont'd)

Service Parameters (cont'd)

Subject to availability and limitations of proprietary information, service performance data available to Ameritech through its own service evaluation routines, may also be made available to the telecommunications carrier based on previously arranged intervals and format. These data provide information on overall call completion and noncompletion performance, e.g., customer equipment blockage, failure results and transmission performance. Wherever technically feasible, Ameritech will make available trunk group data in the form of usage in CCS, peg count and overflow, to the telecommunications carrier based on previously agreed to intervals.

Ordering

The Company and telecommunications carrier shall exchange technical descriptions and forecasts of their interconnection and traffic requirements in sufficient detail to establish the interconnections necessary to assure traffic completion.

Ordering for interconnecting trunk access to the Unbundled Tandem Switching is referenced under Collocation Services in Part 23, Section 4 of this tariff. Any other access to UTS can be requested via a BFR. The Company will provide telecommunications carriers with electronic access to place orders.

Unbundled Tandem switching may be ordered on a per port basis (DS1 level) with no Company required minimum. UTS ports will be provisioned so that they may be cross connected to transport facilities provided by a telecommunications carrier, a third party, or the Company (see Part 23, Section 4 of this tariff for Collocation Services).

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1. UNBUNDLED TANDEM SWITCHING (cont'd)

(N)

C. FEATURES

Trunks on the UTS ports may be provisioned as trunk groups with one of the following trunk types:

- Interoffice Machine Trunk (UTS-IMT)
- Operator Services/Directory Assistance (UTS-OS/DA)
- Interexchange Trunk (UTS-IXC)
- Toll Connecting Trunk (UTS-TCT)

Multiple trunk types may be terminated on a UTS port (e.g., a UTS port can be provisioned for one trunk group of 12 IMT trunks and a second trunk group of 12 FGD trunks). The maximum trunks available on a UTS port is 24. Trunk groups may be combined across multiple UTS ports (e.g., a trunk group of 30 IMT trunks will require two UTS ports).

UTS trunks can terminate traffic into the tandem switch (inbound) or originate traffic from the tandem switch (outbound).

The UTS port provides access to custom service enabling features and functionalities provided by a tandem switch such as switching, translations, screening, blocking, and routing based on the technical capability and service offering of the corresponding trunk feature type.

Request for translations, screening, blocking, or routing will be provided upon receipt of a BFR. Ameritech will provide these features if technically feasible and upon agreement of the requesting telecommunication carrier to pay the applicable recurring and nonrecurring charges that consists of developing, installing, providing, and maintaining the capability.

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1. UNBUNDLED TANDEM SWITCHING (cont'd)

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D. RATE APPLICATIONS

UTS Rates and Charges are shown in E. Prices following. Applicable rate applications are as follows:

- Nonrecurring charges are one-time charges that apply for specific work activity.
- Monthly recurring rates are flat rates that apply each month or fraction thereof that a UTS service element is provided.
- Usage rate is a recurring rate that applies per each minute-of-use or fraction thereof that a tandem switch is used. The usage rate is accumulated over a monthly period.

Unbundled Tandem Switch Trunk Port (DS1) (with features) Charges

- Initial charge - nonrecurring charge applies on a per UTS Trunk Port basis (DS1 level), and is applied when the UTS Trunk Port (DS1 level) is established.
- Subsequent change - nonrecurring charge applies for any addition/rearrangement of a channel on a UTS Port. The charge applies per trunk group.
- Monthly rate - applies to each UTS Port (DS1).

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(N)

D. RATE APPLICATION (cont'd)

Service Charge

Service Charge - nonrecurring charge which covers receiving, recording and processing information necessary to execute a carrier's request. Unless otherwise specified, the Service Charge is applicable for a carrier order for equipment or service and is in addition to any other nonrecurring charges which may be applicable for the equipment or service furnished.

Service Charge (per UTS port) per occasion, nonrecurring charge is applicable when a carrier initiates an order for UTS port(s). One charge per order. All ports on the order must be served out of the same tandem and have the same carrier requested due date.

Usage Charge

Application of the usage rate is based upon an assessment of the usage jurisdiction of the originating and terminating trunks. Applicable usage charges, includes Switched Access, are applied to the UTS trunk.

For certain inbound UTS traffic, usage charges will be assessed against the terminating carrier:

- Interexchange access traffic delivered on inbound UTS trunks will be billed standard switched access rates to the IXC via a meet point billing agreement between Ameritech and the UTS telecommunications carrier when the traffic leaves the tandem over Ameritech's FGD Access Service.
- Any 800 traffic delivered by the UTS port to the tandem will be queried against the Ameritech database and routed to the appropriate outbound trunk. 800 query charges and Ameritech network access charges will be applied to the terminating 800 provider.

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1. UNBUNDLED TANDEM SWITCHING (cont'd)

(N)

E. PRICES

1. Service Elements

Description /Billing Code/	Nonrecurring Charge	Monthly Price
Unbundled Tandem Switch Trunk Port (DS1) (with features)		
• Initial Charge (per DS1)	\$780.07	\$122.79
• Subsequent Changes (per trunk group)	29.15	-
Service Charge (per order)	410.30	-
DS1 Cross-Connect	See Part 23, Section 4	
	Per Minute of Use	
Usage (without tandem trunk ports)	.000569	

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